

STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh) **Date:** November 25, 2002

Name: Brenda K. Bissette **Job Title:** Forensic Molecular Geneticist II

Discipline(s): Indicate all areas in which you do casework.

<input type="checkbox"/> Controlled Substances	<input checked="" type="checkbox"/> DNA
<input type="checkbox"/> Toxicology	<input type="checkbox"/> Firearms/Toolmarks
<input type="checkbox"/> Trace Evidence	<input type="checkbox"/> Questioned Documents
<input checked="" type="checkbox"/> Serology	<input type="checkbox"/> Latent Prints

Education: List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
UNC - Greensboro	1970-1973	Medical Technician	B.S.M.T.
UNC - Chapel Hill	1973-1974	Medical Technician	B.S.M.T.
NC State University	1990	Biochemistry	561- 3 semester hours
NC State University	1992	Genetics	501,502- 2 semester hours
NC State University	1996	Population genetics	minicourse

NC State University 1996 Training	Population genetics minicourse
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Other Training: List continuing education, workshops, in-service and other formal training received.

See Attached SBI Transcript

Courtroom Experience: List the discipline(s) in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

Forensic Serology - 220 times
STR - 75-100 times (Approximately 20 times per year)

Professional Affiliations: List any professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

American Society of Medical Technology
American Society of Microbiology
Southern Association of Forensic Scientists
American Society of Clinical Pathology

Employment History: List all scientific or technical positions held, particularly those related to forensic science. List current position first. Give a brief summary of principal duties and tenure in each position.

Job Title: Forensic Molecular Geneticist II Employer: NCSBI Crime Laboratory

Principal Duties: Analysis of blood and body fluid evidence in the lab and at crime scenes. Perform STR DNA analysis. Testify to findings in court.

Tenure: 1979-present

Job Title: Medical Technologist Employer: NC Memorial Hospital

Principal Duties: Bacteriologist - Plant culture identity and perform sensitivity testing on pathogenic bacteria.

Tenure: 1976-1979

Job Title: Medical Technologist Employer: Duke University Medical Center

Principal Duties: Bacteriologist (see above)

Tenure: 1975-1976

Job Title: Medical Technologist Employer: NC Baptist Hospital

Principal Duties: Bacteriologist (see above)

Tenure: 1975-1975

Other Qualifications: List below and scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist. (Use additional sheets if necessary)

Presentation A SAP/VAP by Electroimmuno-diffusion @ SAFS, Raleigh, NC 1979
Presentation A Collection of Criminal Evidence @ NC Conference on Sexual Assault, September 14, 1983

Other Qualifications (continued)

Presentation A The North Carolina Rape Kit Program@ Forensic Symposium on the Analysis of Sexual Assault Evidence, Quantico, Va. July 1983

Publication: A Capnocytophaga orcracae Septicemia@ Peter H. Gilligan, L. R. McCarthy and B. K. Bissette, Journal of Clinical Microbiology 1980

Publication: A Protocol for Assisting Sexual Assault Victims Recommendation to Law Enforcement Medical and Prosecutorial Professionals, NC Council on the Status of Women

Video - SBI Rape Evidence Kit - 1986-1990